

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/088099 A1

(51) International Patent Classification⁷: **F01L 13/00**, (74) Agents: RICKER, Mathias et al.; Jones Day, Prinzregentenstrasse 11, 80538 München (DE).
1/24, 1/14, 1/18

(21) International Application Number:
PCT/EP2004/003265

(22) International Filing Date: 26 March 2004 (26.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
103 14 683.0 29 March 2003 (29.03.2003) DE

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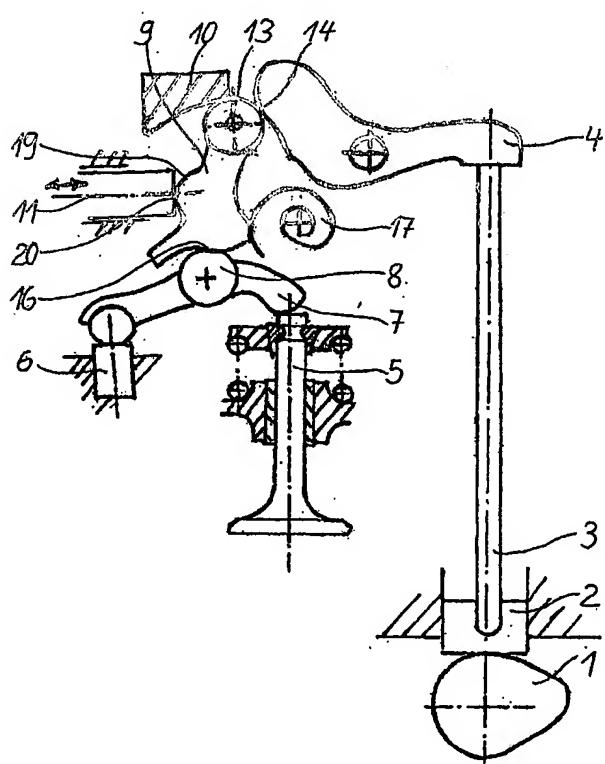
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: VARIABLE VALVE LIFT CONTROL SYSTEM FOR A COMBUSTION ENGINE WITH UNDERNEATH CAMSHAFT



(57) Abstract: In order to produce a variable valve lift control system for a combustion engine with underneath camshaft for the adjustment of a valve lift and an opening time of at least one inlet valve and/or outlet valve, load-dependently and rotation speed dependently as well as for the switch-off of individual cylinders of an internal combustion engine, it is suggested that an underneath camshaft (1) drives by means of a push rod (3) via a hydraulic valve clearance adjustment element (2) a rocker lever (4), which has a curve contour (14), which runs on a roller (13) of an intermediate lever (9), which is moveable by means of two rollers (15), which are arranged on one axis, in slotted links (10), which are connected in a fixed manner with a cylinder head, whereby the intermediate lever (9) supports with one contour at an adjustment bar (11), which is conducted in a housing, and rolls with a work curve (16) on a roller (8) of a cam follower (7), and whereby the cam follower (7) acts with engagement areas, which are provided bottom-sided, respectively, on a hydraulic adjustment element (6) and a valve (5) of a combustion engine.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

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Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*